

From: [Jessica Winter](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Cc: [Hayter, Earl ERDC-CHL-MS](#)
Subject: Re: thoughts on QEA model uncertainty analysis proposal
Date: 08/06/2010 04:18 PM

Hi Eric--

I saw that those parameters were included in the sensitivity analysis but wasn't sure if they would be included in the uncertainty analysis as well. You're probably right to assume that they will be, but perhaps we could get clarity on that from QEA. I think they should be included in both, as the uncertainty analysis has a different purpose than the sensitivity analysis does...

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Blischke.Eric@epamail.epa.gov wrote:

> Regarding the uncertainty analysis, this information seems to have been
> presented in detail during the May 4, 2010 Fate and Transport model
> presentation. The list of sensitivity parameters is presented on page
> 157 of the pdf presentation. Both lateral loads and partition
> coefficients are mentioned on this slide. I am assuming that these
> parameters will be considered in the uncertainty analysis.

> Eric

> From: "Hayter, Earl ERDC-CHL-MS" <Earl.Hayter@usace.army.mil>
> To: Eric Blischke/R10/USEPA/US@EPA
> Date: 07/30/2010 02:36 AM
> Subject: RE: thoughts on QEA model uncertainty analysis proposal

> Eric, I believe that Kd, Koc and lateral loads are included on the list
> of
> parameters to be considered in the uncertainty analysis. However, I
> would
> not bet the farm on my memory! It would be good to get a list of these
> parameters from the LWG.

> -----Original Message-----

> From: Blischke.Eric@epamail.epa.gov [
> <mailto:Blischke.Eric@epamail.epa.gov>]
> Sent: Thursday, July 29, 2010 6:20 PM
> To: Hayter, Earl ERDC-CHL-MS
> Subject: Fw: thoughts on QEA model uncertainty analysis proposal

> Earl, see below for Jessica's thoughts on the uncertainty analysis. I
> am
> assuming that Kd would be considered in addition to Koc in the
> uncertainty
> analysis. I agree with Jessica that the uncertainty analysis should
> also
> look at lateral loads. Based on the meeting, do you know whether Kd and
> lateral loads will be considered in the uncertainty analysis? If you
> are not
> sure, I will touch base with the LWG to make sure that this analysis is
> included.

> Eric

> ----- Forwarded by Eric Blischke/R10/USEPA/US on 07/29/2010 03:16 PM

> From: Jessica Winter <Jessica.Winter@noaa.gov>

> To: Eric Blischke/R10/USEPA/US@EPA, Chip
> Humphrey/R10/USEPA/US@EPA

> Date: 07/22/2010 03:31 PM

> Subject: thoughts on QEA model uncertainty analysis proposal
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> Hi Eric
> I had to sign off before we got to discussing the uncertainty analysis
> on
> Monday's call. I just got a chance to look at the slides and I have 2
>
> quick comments. You may have discussed these already.
> 1. Should Kd be added to the list of parameters to be varied in the
> uncertainty analysis? Perhaps this is implicit in their inclusion of
> Koc?
> 2. Should lateral loads such as stormwater and NPDES releases be
> included in
> the uncertainty analysis? The sensitivity analysis that we saw back in
> May
> suggested that the model was somewhat sensitive to these
>
> factors.
>
> Rob Neely said you were going camping next week so I'm cc'ing Chip on
> this
> too. Have a good trip!
>
> --
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